

PATENT ABSTRACTS OF JAPAN

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(54) PATH FOR EXTERNAL USE

(57)Abstract:

PURPOSE: Patch for external use having water vapor transmission, etc., using a substrate comprising a resin composition obtained by grafting vinyl chloride and optionally an acrylic acid ester onto an ethylene vinyl acetate copolymer by graft copolymerization as a main component.

CONSTITUTION: A substrate comprises a resin obtained by grafting vinyl chloride and optionally an acrylic acid ester onto an ethylene vinyl acetate copolymer by graft copolymerization (ratio of ethylene vinyl acetate copolymer : vinyl chloride : acrylic acid ester is 100:60W900:0W300; vinyl acetate content in the ethylene vinyl acetate copolymer is 5W70wt%) as a main component. A solution of a pressure-sensitive adhesive is optionally mixed with a drug, cast on a release paper, and dried. The pressure-sensitive adhesive layer is bonded to the substrate, to give patch for external use. Skin irritation during application is minimized by synergistic effect of improved flexibility and proper water vapor transmission of the substrate.

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